CALIFORNIA GIS COUNCIL MEETING (**DRAFT**) January 14, 2009 SACRAMENTO, CA

Agenda item 1: Roll Call (Mbyrne)

- 1. Present
 - a. CHHS, CRA, OES, CIO, FEMA, USFS, BOR, USGS, NPS, SJRCG, SACOG, BARGC, CCJDC, SNRCG, CIRGIS, USGS (16 attendees – Quorum reached)
 - b. Minutes from April 4, 2008 —moved to approve, seconded, approved

Agenda item 2: Imagery—Carol Ostergren

The council imagery working group drafted a response to the ASPRS 'Guidelines to for the procurement of Professional Aerial Imagery...Geospatial Mapping Services' draft for the council to consider. Also circulated was the URISA (national) response to the guidelines, which was more strongly worded and made 5 recommendations, some of which overlap our imagery group letter. **Action item:** The council asked the working to group to reconvene in light of the URISA letter and consider any further work on the letter. ASPRS has given us a several week extension; the committee does not meet until mid-March.

Becky Morton, current ASPRS board member, was also present and expressed appreciation for the working group efforts and invited a state and local representative to the ASPRS committee. Please contact both the imagery working group and Becky if you are interested in working with either the ASPRS committee on the 'Guidelines' document or with the imagery group on our response (as well as other tasks).

2010 NAIP update:

- CA is on the USDA schedule for 2010 for 1-m natural color collection
- Total cost is estimated at 2.4M
- State portion of that 2.4M is 76k
- A CIR deliverable would add 1.4M to the cost (based on 2008 TX costs), and that would need to be covered entirely by the state and contracted directly by the state to the NAIP vendor (lots of issues around this in terms of sole source, NAIP vendor selection, etc.)

Future directions of imagery working group:

The discussion of a ½-m NAIP collection provided fodder for some discussion on next activities for the imagery working group. A recommendation was made to start discussion on a state-wide program to bring in urban areas and counties where higher resolution imagery is required or where imagery consortiums are already in place, and how we might better leverage a state-wide program. There is concern that with the current and likely ongoing fiscal crisis that it will be difficult at best to have either a ½-m NAIP funding pot or much in the way of regional/urban/county contribution. The imagery working group will discuss future directions.

LiDAR:

A coastal (not including bays and estuaries) LiDAR project is proposed for summer 2009 by the US Army Corps of Engineers (Resolution: ~20 cm; 1-meter postings; Footprint: 500 meters inland and up to 1000 meters offshore for water-penetrating sensor), and the Ocean Protection Council is considering a partnership to add bays and estuaries and up to the 10-meter contour inland to the footprint. Ray provided some information about this project. It is unknown if CA will end up partnering, directly or indirectly, or acquiring a higher resolution elevation dataset covering the larger footprint. California budget constraints may postpone the acquisition of the larger LiDAR footprint. There is not much knowledge about the USACE coastal mapping program plans among our coastal counties. The Federal folks (Carol, others) will find out more about the program and try to improve communication with the coastal counties with interest in climate change, sea level issues, and coastline mapping.

ACTION:

- (1) Imagery group to re-draft comment letter for ASPRS on procurement guidelines
- (2) Robert Yoha asked to be liaison from Council to ASPRS on draft guidelines as they go further.

Agenda item 3: NHD—Carol Ostergren, Gary Darling, Lori Peltz-Lewis

NHD progressing nicely (see handout); some stewardship at the regional level; DWR moving forward in the next couple of weeks on the contract process (request for quotes) for a state strategic plan; WBD for CA is now certified and this represents a significant accomplishment for the state (see WBD handout).

Agenda item 4: Council direction—Mike Byrne

Background provided by Mike Byrne, what is our role now with a new GIO in place. How do we interact with the new GIO?

Task force review

CIO received report, wrote a Governor's Office Action Request (GOAR) and established an administrative position

Report submitted to the governor's office

GORE was accepted

Report had 4 recommendations, listed a deputy director, list of responsibilities/duties

- Establish a GIO, staff of 10
- Direct agencies to establish GIS leads,
- Establish a grants program modeled after cap program to fund,
- Outreach and public education.

CIO has grant received from DHS (via CalEMA) for \$1.4M for this office.

The GIO position is now before the state personnel board today to approve.

Is there a plan on how the finding would be spent—CIO funding position and balance with some infrastructure things that needed to be done. 1.3M will stand up some homeland security for framework data for critical infrastructure protection.

Tasks—what power to do these, what sources of funding? That remains to be seen. Intent with the diagram going forward is to establish the working positions, given financial constraints, this is the model they intend to follow.

Grant program—use other agency funding for this to collect funding as well as support regional collaboration and data development, GIO might serve as coordination role for state.

CA Council goals (right out of charter)—planning and policy development,

CA Council duties—recommend policies, include member agencies, implementation plan, meet regularly, and distribute information. Implementation—Mike's take—imagery only place where we have made any progress.

Suggestions/discussion:

- Move toward formalization of existing groups—FGC3, CMCC. Formalized how? Find some models, maybe CABGN.
- Studied and issued recommendation—we should continue to do that, if we could establish a formal communication channel to the GIO, especially if they ask us to make recommendations. We would be stakeholder advisory group, include outreach to and from the regions.
- Position should have a seat on the council—no slot now, or does the state CIO seat become the GIO seat.
- Strategic growth council--\$\$ and business need for GIS—we become a committee to bless that effort, SACOG is the cog and represents in a formal way its region. Look at other states, Arkansas.
- Office of GIO is great—fear that GIS gets embroiled in it and in procurement is a risk–success factors will be generation of data, data development, investment of \$ for the framework of data development.
- Refer to next agenda item—this can influence how data develops through the policy being proposed in the data distribution draft policy.
- This group developed organically—don't loose momentum, keep this as a central coordinating role. Very good with regional bodies, counties, etc.

- Lots of success over 25 years as a result of collaboration—model has worked well at an informal level, this is a vital forum, need to keep the gio agenda on track.
- Looking at models from other states—value upside down view—caution that the collective wisdom. All the tools, battle scars, etc. that we need. Look at TX and DE to see what they have learned over the last decade and how they have had to change their models. Don't undersell the value that currently exists.
- Write these visions up, and pass to the CIO office (action item)
- Selection of GIO—notification of approval to hire—maybe ready, recruiting will be completed, 30 days possible.

Agenda item 5: Data sharing policy—John Ellison

Draft data sharing policy, took Bruce Joffe's Open Data Consortium data sharing document and rewrote it for a CA data sharing policy guideline. Data should be shared, why, public funds, data are intellectual asset, side distribution and use, minimize risk, informed public, key to democratic process, sharing has to be consistent with existing laws, confidentiality, public trust, model for agency specific data sharing policies, each agency circumstances will differ; state is currently remarkably uneven in terms of policy and practice, differs sharply, bring some consistency. Set of definitions, stewards, etc, cost recovery—not really in anybody's interest, but can consider minimal costs, but should not be a barrier, how, free rider challenge, and how to address. CA public records act, exemptions, err on the side of sharing except where public interest is best served by not sharing, Audit of holdings in terms of public record act. Model license agreement, control and security, disclaimer, etc,

Council now has the opportunity to help craft this data sharing policy document—please provide comments to John and next draft will be presented to CIO for consideration.

Santa Clara Co update--the appeals court in San Jose will be hearing the case tomorrow. County says if they loose they will take to the state supreme court. Loser pays all legal fees. If it moves to state court, state policy will have larger ramifications, and this document will impact that state court decision, possibly.

DFG is developing a similar document, but will wait until state has one and then buy into that one.

John needs additional committee members—Mike B., Bruce J.; others email John if you can help with this draft data sharing policy.

Action

Have Mike, John, and Bruce refine to get a document to the new GIO for carrying this foreword.

Agenda item 6: Homeland Security—Terrence Newsome, Joseph Toland

Homeland security new CalEMA director is Bitenburg, bodes well for GIS for this new office. CalEMA will continue to support the office of the GIO for the next several years.

CA Homeland Security Geospatial Working Group Objectives Objectives for 2008:

- 1. Continue to identify and connect with partners (continuous)
- 2. Create working group structure (done)
- 3. Identify and develop geospatial layers for 17 (now 18) CIKR sectors (modify)
- 4. Advocate for State GIO (done)
- 5. Identify grants for use in building GIS infrastructure (continuous)
- 6. Support creation of statewide geospatial viewer (modify)

Objectives for 2009:

- 1. Build relationships with other states (Regional HIFLD)
- 2. Develop "organic" CIKR geospatial layers (become less reliant on HSIP Gold)
- 3. Advocate use of Common Operating Picture for training exercises and incidents
- 4. Improve communication with Blog/website

State water delivery system—have gotten 4M to look at state water project—some funds for some GIS tools to support that, proposal to DHS in November, results soon, 3—idaho national lab critical infrastructure resiliency project looking for infrastructure to model, looking at the regional impacts between systems—energy on communication water on transportation; entering the GIS freeway—climbing up the freeway, join the freeway by providing services soon, infrastructure is in place,

Our homeland security working group started over a year ago, loosely based on the HIFLD group—federal, labs, various states, we have done some similar activities such as commenting on HS data model,

OHS is building critical infrastructure data sets—hospitals, fire stations, etc,

Terrence noted exceptional responses to COM during the golden guardian and fires.

HSIP gold—half public, half commercial, feed services such as ICAV, DHS Google earth, If you are interested in using this service, you need a connection to homeland security but access to DHS Earth is available.

Terrence goes to most of the HIFLD meetings around the country and many want to work with and partner on CA efforts (Idaho lab). Upcoming HIFLD is in Colorado Springs.

Butte lightning fire—really demonstrated that first responders need training in esri tools and com

FEMA report (Joseph Toland)—FEMA has reformed early response teams since Katrina. Joe (new to the council) has remote sensing background and been with agency since 1999; stationed here—he is our catastrophic response GIS coordinator—wants to build capacity for emergency response.

Joe works with incident response and planning units, larger incidents—build abilities for situational awareness, data, resources, building common operational map; HSIP data is static; his goal is to build network that will build in the details, situational event-specific event data. Tied to the incident management side. How will data come in—formal channels, cop, construct in real time.

Largest goal is to build information collection network, multiple disciplines, multiple dhs concept of operation—mostly federal project, ultimately (Stafford act) multiple agencies, for catastrophic response, building relationships to determine data needs for all phases of disaster response and recovery. Joe deploys to the field quite a bit, tie council vision into operational federal disaster response. Field operation but attached to headquarters incident management.

Round table announcements:

- CA ESRI RUG Feb 3-5
- CGIA—posted nomination for awards. CalGIS April 6-9, cogo letter addressed to Senator Reid and Representative Pelosi
- Need more abstracts for CalGIS, 118 so far.
- URISA workshop—Feb. 11, GIS program management. Next one on system design strategies.
- ASPRS—the 2012, national conference will be held here in sacramento. Call Becky Morton if you have ideas on venues, speakers, etc. Regional ASPRS activity is starting to get organized, open to any and all, striving for broader scope and participation.
- Caltrans—public domain teleatlas data, still pending,
- DWR, recognized Sally Nyman, who passed away recently. She also worked for CERES
- CERES, launched CA atlas repackaging of services, not limited to environmental, in support of broader cio and state requirements, map gallery,
- NGS—Dave Zakowski retired, replace by Juliana Blackwell
- BOR—Geospatial Lines of Business effort, A-16 revision will be posted on the web
- CIO welcomes collaborative efforts and anxiously awaits GIO, thanks to John Ellison and staff for Cal Atlas and draft of data distribution, goal is transparency in gov
- NGAC—changing landscape, see website for document

Next meeting Monday April 6 (before CalGIS).